Lighting

ISOTRONIC®

ISOTRONIC Mezger KG

ISOTRONIC Metzger KG has been successfully operating in the international consumer electronics market since 1979 and is now in the second generation.

First-class service, customer satisfaction and continuous product innovation have always been the top priorities for our family-run business. ISOTRONIC produces quality of life. ISOTRONIC products are smart, intelligent and offer the consumer many advantages - ease of use, a comfortably lit environment and energy savings.

We are very proud of this new range of lamps, which has been produced in reaction to the current global market. We are countering price rises, climate change and uncertainty on behalf of the consumer with new, sophisticated, energy saving lamp designs. When developing our products we always take the wishes of our customers into account. Our effective retail point of sale material forms the basis for the successful growth of your lighting business. Thanks to clear structures and a clearly recognisable system in the assortment, an appealing goods presentation is created at the PoS in your company. The ISOTRONIC packaging concept is designed to assist your customers in the selection of the correct product for their needs and we can offer a display solution to satisfy the needs of both large and small retailers.and large areas.

My team and I look forward to receiving your feedback and are always at your disposal should you have any questions or suggestions as to how we may improve our mutual business.

Kay Mezger
Diplom Betriebswirt / Managing Director

Company history

1979	Founding in a garage
1981	Relocation to own company building
1982	Relocation to a larger property
1984	Taking up of own production in Rohrdorf
1987	Relocation to own, larger stores
1988	Relocation to a new office complex
1990	Additionally renting of a pallet store and production facility in Rohrdorf
1993	Rebuilding of production and stores areas with seven live storage rack aisles and fully automatic commissioning conveyors
1998	Construction of a new company building in Horb am Neckar
2003	Expansion of the logistics centre
2004	25th anniversary of the company
2007	Founding of ISOTRONIC Manufacturing Ltd. Hong Kong
2008	Realignment of the assortment

ISOTRONIC®

Lighting

Light is a necessity indispensable for our well-being. The optimum illumination of areas positively influences the quality of work and ability to perform. Premature signs of tiredness can be avoided by installing appropriate lighting. Not only the color and the brightness, but also the direction of the light are of great importance.

You will find suitable lighting for every area in our range.

Energy-saving lamps (ESL):

- 80 % less energy consumption compared to corresponding conventional filament lamps
- Flicker-free start and operation
- More light without temperature problems
- Lifetimes from 8 to 15 years*
- Many different shapes and sizes
- Clear assortment with E14/E27/B22 and GU10 fittings
- Different light colors for special use in all areas
- Partly dimmable and with GS-approval

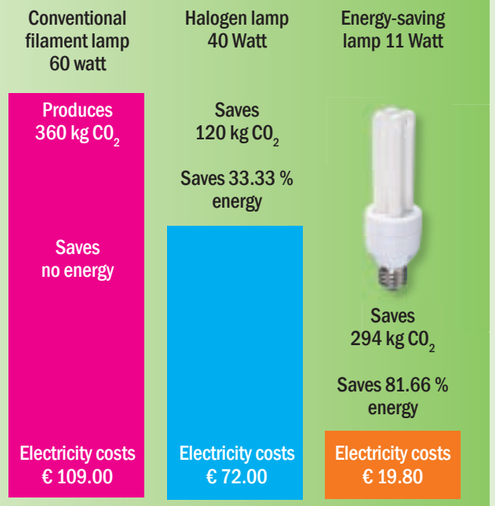
LED:

- High light efficiency for low energy loss
- Low heat generation
- No UV or IR radiation
- Areas of application at operating voltages of 12 V and 230 V
- 50,000 hours lifetime
- Available in several light colors

Halogen:

- Constant luminous flux over the entire lifetime
- 4 times longer lifetime than filament lamps
- No UV radiation
- Areas of application at operating voltages of 12 V and 230 V
- Small installation size
- Brilliant effects thanks to spectral colors and reflectors

For the same brightness: the energy-saving lamp saves most.



Xenon:

- 2.5 times light output for 35 % lower energy consumption
- The high light efficiency enables a wider distribution of the light. The result is a brighter illumination of a larger area
- The color temperature closely resembles that of daylight
- Vibration-insensitive arc instead of sensitive filament
- The life expectancy of a Xenon lamp is up to 5 times longer than that of a conventional halogen lamp
- Constant light output independent of on-board voltage fluctuations

Standard filament lamps (SL) :

- Around 5 % of the electrical energy is converted to light, the rest to heat
- Easy handling
- Average lifetime one year
- Many shapes and colors for the widest variety of designs and illumination
- Dimmable without restriction

* for an operating duration of 2,7 hours/day

Table of contents

- ISOTRONIC — pages 2 - 3
- Lighting in general — page 4

Energy-saving lamps (ESL)

- Maxcompact — pages 6 - 7
- High Premium — page 8
- Premium — pages 8 - 9
- Quickstart — pages 10 - 11
- Vital Light — page 12
- Activ — page 13
- Compact Warm Light — pages 14 - 15
- Compact Cool Light — page 16
- Compact Day Light — page 17
- Spot — page 18
- Safety — page 18
- Design — page 19
- Color — page 19

LED

- White Reflector — page 20
- White Chip — page 21
- Color Reflector/Color-Change — page 22

Halogen

- Mains voltage — page 23
- 12v DC — page 24

Xenon

- Reflectors — page 25

Standard bulbs (SB)

- Classic — pages 26 - 27
- Deco — page 28
- Color — page 29

- Pictograms — page 30
- ABC of lighting — page 31
- INDEX — page 32

Version: March 2008

Energy-saving lamps

Maxcompact

10 years life*

High quality lamp with a long lifetime. Area of use is in particular where high demands are placed on lifetime, shock-resistance, temperature fluctuations and number of switching operations The compact installation size allows the widest area of use. This series corresponds to the dimensions of a conventional filament lamp.

Maxcompact Safety soft candle E14 / E27 / B22

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58042.1	E14	7 W	2.700 K	280 Lm	B	single BL
58044.5	E14	9 W	2.700 K	380 Lm	B	single BL
58046.9	E27	9 W	2.700 K	380 Lm	B	single BL
58048.3	B22	9 W	2.700 K	380 Lm	B	single BL

Maxcompact Wind gust E14 soft / pearl / gold

Item no. EAN 4006745		Wattage	Kelvin	Lumen	Energy class	Packing unit
58050.6	soft	9 W	2.700 K	380 Lm	B	single BL
58054.4	pearl	7 W	2.700 K	280 Lm	B	single BL
58058.2	gold	7 W	2.700 K	280 Lm	B	single BL

Maxcompact Twister E14 pearl / gold

Item no. EAN 4006745		Wattage	Kelvin	Lumen	Energy class	Packing unit
58052.0	pearl	7 W	2.700 K	280 Lm	B	single BL
58056.8	gold	7 W	2.700 K	280 Lm	B	single BL

Maxcompact Safety soft T45 E14 / E27

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58060.5	E14	8 W	2.700 K	300 Lm	B	single BL
58062.9	E27	10 W	2.700 K	400 Lm	B	single BL

* for an operating duration of 2,7 hours/day

Maxcompact Flame T45 E14 / E27 / B22

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58064.3	E14	8 W	2.700 K	300 Lm	B	single BL
58066.7	E27	10 W	2.700 K	400 Lm	B	single BL
58068.1	B22	10 W	2.700 K	400 Lm	B	single BL

Maxcompact Crystal T45 E14 / E27 / B22

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58070.4	E14	8 W	2.700 K	300 Lm	B	single BL
58072.8	E27	10 W	2.700 K	400 Lm	B	single BL
58074.2	B22	10 W	2.700 K	400 Lm	B	single BL

Maxcompact Safety T60 E27 / B22

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58076.6	E27	11 W	2.700 K	480 Lm	B	single BL
58078.0	B22	11 W	2.700 K	480 Lm	B	single BL

Maxcompact Celebrity E27 soft / flame

Item no. EAN 4006745		Wattage	Kelvin	Lumen	Energy class	Packing unit
58080.3	soft	11 W	2.700 K	480 Lm	B	single BL
58082.7	flame	11 W	2.700 K	480 Lm	B	single BL

Maxcompact Droplet soft E14 / E27

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58084.1	E14	7 W	2.700 K	280 Lm	B	single BL
58086.5	E27	7 W	2.700 K	280 Lm	B	single BL

Illustration in original size

Maxcompact Droplet, colored E27

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58088.9[1]	E27	7 W	2.700 K	280 Lm	B	single BL
58090.2[2]	E27	7 W	2.700 K	280 Lm	B	single BL
58092.6[3]	E27	7 W	2.700 K	280 Lm	B	single BL
58094.0[4]	E27	7 W	2.700 K	280 Lm	B	single BL

[1]green, [2]red, [3]yellow, [4]blue

Maxcompact Globe 80 E27 soft / crystal

Item no. EAN 4006745		Wattage	Kelvin	Lumen	Energy class	Packing unit
58096.4	soft	15 W	2.700 K	700 Lm	B	single BL
58098.8	crystal	15 W	2.700 K	700 Lm	B	single BL

Maxcompact Pear soft E27

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58100.8	E27	11 W	2.700 K	480 Lm	B	single BL
58102.2	E27	15 W	2.700 K	680 Lm	B	single BL

Maxcompact Pear E27 crystal / flame

Item no. EAN 4006745		Wattage	Kelvin	Lumen	Energy class	Packing unit
58104.6	crystal	15 W	2.700 K	680 Lm	B	single BL
58106.0	flame	15 W	2.700 K	680 Lm	B	single BL

Maxcompact Spot R50 E14 / R63 E27

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58108.4	R50 E14	11 W	2.700 K	380 Lm	B	single BL
58110.7	R63 E27	15 W	2.700 K	580 Lm	B	single BL

Maxcompact Reflector R50 E14 / R63 E27

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58112.1	R50 E14	7 W	2.700 K	220 Lm	B	single BL
58114.5	R63 E27	11 W	2.700 K	360 Lm	B	singleBL

Maxcompact Tube E14 / E27 / B15 / B22

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58116.9	E14	9 W	2.700 K	400 Lm	B	single BL
58118.3	E14	11 W	2.700 K	520 Lm	B	single BL
58122.0	E27	11 W	2.700 K	520 Lm	B	singleBL
58124.4	E27	15 W	2.700 K	750 Lm	B	single BL
58128.2	E27	20 W	2.700 K	1000 Lm	B	single BL
58120.6	B15	11 W	2.700 K	520 Lm	B	single BL
58126.8	B22	15 W	2.700 K	750 Lm	B	single BL

Maxcompact Reflector GU10

Item no. EAN 4006745	Socket	Wattage	Kelvin	Lumen	Energy class	Packing unit
58130.5	GU10	7 W	4.000 K	200 Lm	B	single BL
58132.9	GU10	9 W	4.000 K	280 Lm	B	single BL
58134.3	GU10	11 W	4.000 K	350 Lm	B	single BL

Dimensions in mm

Energy-saving lamps

High Premium

15 years life*

Very high quality light source with a long lifetime. Area of use is in particular where high demands are placed on lifetime, shock-resistance, temperature fluctuations and number of switching operations.

High Premium Tube E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
11610.1	11 W	2.700 K	600 Lm	A	single CB
11614.9	16 W	2.700 K	960 Lm	A	single CB
11616.3	20 W	2.700 K	1.200 Lm	A	single CB

Energy-saving lamps

Premium

15 years life*

Thanks to the optimum matching of circuitry, start-up characteristics and luminant, we have succeeded in designing all models in this series to consume extremely little current in relationship to the brightness and hence to achieve maximum economy. All energy-saving lamps carry the energy efficiency class A.

* for an operating duration of 2,7 hours/day

Premium Tube E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28100.7	7 W	2.700 K	290 Lm	A	single CB

Premium Tube E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28102.1	11 W	2.700 K	540 Lm	A	single CB
28104.5	15 W	2.700 K	810 Lm	A	single CB
28106.9	20 W	2.700 K	1.160 Lm	A	single CB

Premium Globe E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28130.4	20 W	2.700 K	1.160 Lm	A	singleCB

Premium Pear E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28140.3	9 W	2.700 K	410 Lm	A	single CB

Premium Pear E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28142.7	11 W	2.700 K	540 Lm	A	single CB
28144.1	15 W	2.700 K	810 Lm	A	single CB
28146.5	20 W	2.700 K	1.160 Lm	A	single CB

Premium Candle E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28160.1	7 W	2.700 K	290 Lm	A	single CB
28162.5	11 W	2.700 K	540 Lm	A	single CB

Premium Reflector R50 E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28170.0	7 W	2.700 K	290 Lm	A	single CB

Premium Spiral E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28180.9	11 W	2.700 K	540 Lm	A	single CB

Premium Spiral E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28182.3	15 W	2.700 K	810 Lm	A	single CB

Energy-saving lamps

Quickstart

8 years life*

Wherever you need light fast (hall, entrance area, kitchen, cellar), you need a quick-starting energy-saving lamp. The Quickstart energy-saving lamp doesn't leave you in the dark and delivers the brightness you need instantly.

Quickstart Globe E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28830.3	20 W	2.700 K	1.160 Lm	A	single BL

Quickstart Pear E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28840.2	9 W	2.700 K	410 Lm	A	single BL

Quickstart Pear E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28842.6	11 W	2.700 K	540 Lm	A	single BL
28884.6	15 W	2.700 K	810 Lm	A	single BL
28846.4	20 W	2.700 K	1.160 Lm	A	single BL

Quickstart Tube E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28820.4	11 W	2.700 K	540 Lm	A	single BL

Quickstart Tube E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28802.0	11 W	2.700 K	540 Lm	A	single BL
28804.4	15 W	2.700 K	810 Lm	A	single BL
28806.8	20 W	2.700 K	1.160 Lm	A	single BL

Quickstart Candle E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28860.0	7 W	2.700 K	290 Lm	A	single BL
28862.4	11 W	2.700 K	540 Lm	A	single BL

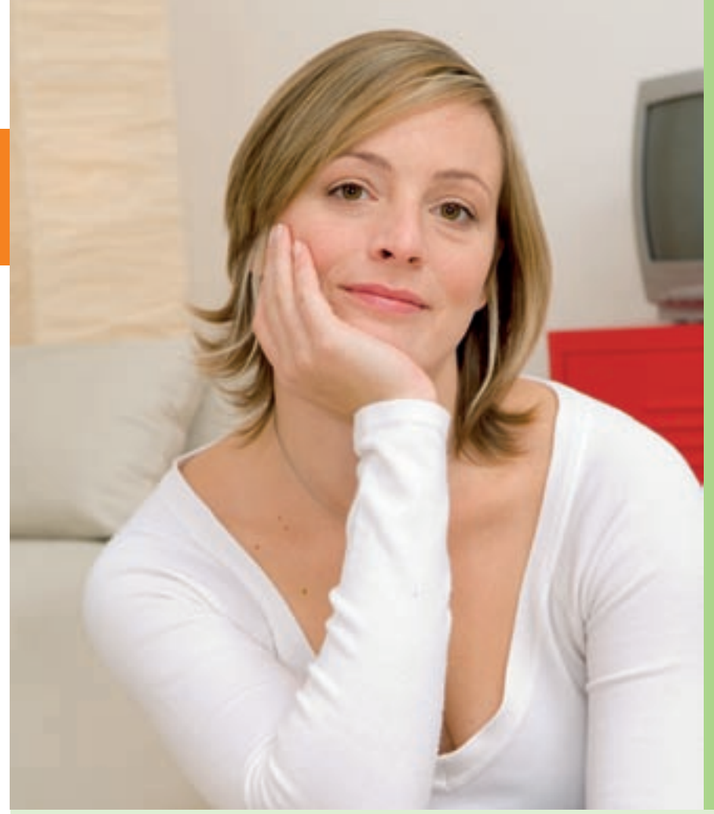
* for an operating duration of 2,7 hours/day

Quickstart Spiral E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28880.8	11 W	2.700 K	540 Lm	A	single BL

Quickstart Spiral E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
28882.2	15 W	2.700 K	810 Lm	A	single BL



Energy-saving lamps

Vital Light

10 years life*

Whether you want to illuminate private rooms, offices, practices, seminar rooms or computer workplaces – healthy light generates well-being and makes work easier. Colors can be more easily identified, you see vividly and work much more relaxed and productively. We humans have relied on the sun for millions of years in order to stay healthy and active. With its specific color spectrum, healthy sunlight stimulates the release of hormones and the metabolism and increases our physical and mental abilities.

* for an operating duration of 2,7 hours/day

Vital Light Spiral E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27085.8	11 W	8.000 K	347 Lm	B	single BL

Vital Light Spiral E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27104.6	20 W	8.000 K	1.020 Lm	B	single BL
27105.3	24 W	8.000 K	1.275 Lm	B	single BL

Vital Light Spiral B22

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27108.4	20 W	8.000 K	1.275 Lm	B	single BL

Activ (Air fresh) Tube E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27100.8	11 W	2.700 K	561 Lm	A	single BL
27102.2	20 W	2.700 K	1.020 Lm	B	single BL

Activ (Air fresh) Tube B22

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27101.5	11 W	2.700 K	561 Lm	A	single BL
27103.9	20 W	2.700 K	1.020 Lm	B	single BL

Energy-saving lamps

Activ (Air fresh)

8 years life*

The air is enriched with negative ions and thus appears to be as fresh as it is following a thunderstorm.
At the same time, all bad odours and dust are filtered effectively out.

Energy-saving lamps

8 years life*

Compact Warm Light

Compact dimensions, universally usable thanks to the small installation size. Particularly suitable for small lights, flat wall and ceiling lights as well as standard lamps and table lamps for all living rooms.

Compact Warm Light Tube E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10102.2	7 W	2.700 K	357 Lm	A	single BL
10027.8	9 W	2.700 K	459 Lm	A	single BL
10098.8	11 W	2.700 K	561 Lm	A	single CB

Compact Warm Light Tube E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10032.2	7 W	2.700 K	357 Lm	A	single BL
10028.5	7 W	2.700 K	357 Lm	A	single CB
10034.6	9 W	2.700 K	459 Lm	A	single BL
10104.6	9 W	2.700 K	459 Lm	A	single CB
10036.0	11 W	2.700 K	561 Lm	A	single BL
10106.0	11 W	2.700 K	561 Lm	A	single CB
10038.4	15 W	2.700 K	765 Lm	B	single BL
10108.4	15 W	2.700 K	765 Lm	B	single CB
10042.1	20 W	2.700 K	1.020 Lm	B	single BL
10112.1	20 W	2.700 K	1.020 Lm	B	single CB
10044.5	24 W	2.700 K	1.224 Lm	B	single BL
10114.5	24 W	2.700 K	1.224 Lm	B	single CB
10045 2	30 W	2.700 K	1.530Lm	B	single CB

Compact Warm Light Tube B22

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10002.5	9 W	2.700 K	459 Lm	A	single BL
10004.9	11 W	2.700 K	561 Lm	A	single BL
10006.3	15 W	2.700 K	765 Lm	B	single BL
10055.1	20 W	2.700 K	1.020 Lm	B	single BL
96970.7	24 W	2.700 K	1.224 Lm	B	single BL
96971.4	30 W	2.700 K	1.530 Lm	B	single BL

Compact Warm Light Spiral E27, dimmable

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10350.7	20 W	2.700 K	1.100 Lm	A	single BL
10033.9	20 W	2.700 K	1.100 Lm	A	single CB

Compact Warm Light Globe E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10130.5	15 W	2.700 K	473 Lm	B	single CB
10097.1	15 W	2.700 K	473 Lm	B	single BL
10095.7	20 W	2.700 K	630 Lm	B	single BL
10132.9	20 W	2.700 K	630 Lm	B	single CB
10292.0	24 W	2.700 K	756 Lm	B	single BL
10134.3	24 W	2.700 K	756 Lm	B	single CB

Compact Warm Light Pear E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
89877.9	9 W	2.700 K	284 Lm	B	single BL
89876.2	9 W	2.700 K	284 Lm	B	single CB

Compact Warm Light Pear E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
96884.7	7 W	2.700 K	221 Lm	B	single BL
89875.5	7 W	2.700 K	221 Lm	B	single CB
96885.4	9 W	2.700 K	284 Lm	B	single BL
96940.0	9 W	2.700 K	284 Lm	B	single CB
96886.1	11 W	2.700 K	347 Lm	B	single BL
96942.4	11 W	2.700 K	347 Lm	B	single CB
96887.8	15 W	2.700 K	473 Lm	B	single BL
96944.8	15 W	2.700 K	473 Lm	B	single CB
96902.8	20 W	2.700 K	630 Lm	B	single BL
96894.6	20 W	2.700 K	630 Lm	B	single CB

Compact Warm Light Pear B22

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
96986.8	11 W	2.700 K	347 Lm	B	single BL
96988.2	15 W	2.700 K	473 Lm	B	single BL

Compact Warm Light Candle E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10054.4	5 W	2.700 K	158 Lm	B	single BL
10174.9	5 W	2.700 K	158 Lm	B	single CB
10058.2	7 W	2.700 K	221 Lm	B	single BL
10192.3	7 W	2.700 K	221 Lm	B	single CB
10197.8	9 W	2.700 K	284 Lm	B	single BL
10193.0	9 W	2.700 K	284 Lm	B	single CB
10194.7	11 W	2.700 K	347 Lm	B	single CB
10198.5	11 W	2.700 K	347 Lm	B	single BL

Compact Warm Light Candle E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10052.0	7 W	2.700 K	221 Lm	B	single BL

Compact Warm Light Candle B22

Artikel Nr. EAN 4006745	Wattage	Kelvin	Lumen	Energie-klasse	Verpackungs-einheit
10048.3	7 W	2.700 K	221 Lm	B	single BL
10050.6	11 W	2.700 K	347 Lm	B	single BL

Compact Warm Light Reflector R50 E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27084.1	7 W	2.700 K	221 Lm	B	single BL
10262.3	7 W	2.700 K	221 Lm	B	single CB

Compact Warm Light Reflector R63 E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10261.6	7 W	2.700 K	221 Lm	B	single BL
10269.2	11 W	2.700 K	347 Lm	B	single BL

* for an operating duration of 2,7 hours/day

Energy-saving lamps

8 years life*

Compact Cool Light

Especially suitable for work areas, for shop lighting and as a mirror light in the bathroom. Enables fatigue-free working.

Colors and details are shown up very authentically and clearly, without allowing a cool atmosphere to develop.

* for an operating duration of 2,7 hours/day

Compact Cool Light Tube E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10322.4	9 W	4.200 K	459 Lm	A	single BL
10321.7	9 W	4.200 K	459 Lm	A	single CB

Compact Cool Light Tube E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10328.6	11 W	4.200 K	561 Lm	A	single BL
10327.9	11 W	4.200 K	561 Lm	A	single CB
10330.9	15 W	4.200 K	765 Lm	B	single BL
10329.3	15 W	4.200 K	765 Lm	B	single CB
10332.3	20 W	4.200 K	1.020 Lm	B	single BL
10331.6	20 W	4.200 K	1.020 Lm	B	single CB

Compact Cool Light Pear E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10335.4	15 W	4.200 K	473 Lm	B	single CB
10336.1	15 W	4.200 K	473 Lm	B	single BL

Compact Cool Light Globe E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10338.5	20 W	4.200 K	630 Lm	B	single BL
10337.8	20 W	4.200 K	630 Lm	B	single CB

Compact Cool Light Candle E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10340.8	11 W	4.200 K	347 Lm	B	single BL
10339.2	11 W	4.200 K	347 Lm	B	single CB

Compact Cool Light Spiral E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10343.9	11 W	4.200 K	347 Lm	B	single BL
10342.2	11 W	4.200 K	347 Lm	B	single CB

Compact Cool Light Spiral E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
10345.3	15 W	4.200 K	473 Lm	B	single BL
10344.6	15 W	4.200 K	473 Lm	B	single CB
10347.7	24 W	4.200 K	1.275 Lm	B	single BL
10346.0	24 W	4.200 K	1.275 Lm	B	single CB

Energy-saving lamps

8 years life*

Compact Day Light

It is recommended to select a very bright light color for working areas in gastronomy and salesrooms, for fine work as well as for reading. It conveys a cool atmosphere; fine lines can be seen very clearly.

* for an operating duration of 2,7 hours/day

Compact Day Light Tube E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27118.3	9 W	6.400 K	459 Lm	A	single BL
27117.6	9 W	6.400 K	459 Lm	A	single CB

Compact Day Light Tube E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27124.4	11 W	6.400 K	561 Lm	A	single BL
27123.7	11 W	6.400 K	561 Lm	B	single CB
27126.8	15 W	6.400 K	765 Lm	B	single BL
27125.1	15 W	6.400 K	765 Lm	B	single CB
27128.2	20 W	6.400 K	1.020 Lm	B	single BL
27127.5	20 W	6.400 K	1.020 Lm	B	single CB

Compact Day Light Pear E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27133.6	15 W	6.400 K	473 Lm	B	single BL
27131.2	15 W	6.400 K	473 Lm	B	single CB

Compact Day Light Globe E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27132.9	20 W	6.400 K	630 Lm	B	single BL
20202.6	20 W	6.400 K	630 Lm	B	single CB

Compact Day Light Candle E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27095.7	11 W	6.400 K	347 Lm	B	single BL
27097.1	11 W	6.400 K	347 Lm	A	single CB

Compact Day Light Spiral E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27092.6	11 W	6.400 K	347 Lm	B	single BL
27091.9	11 W	6.400 K	347 Lm	B	single CB

Compact Day Light Spiral E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27094.0	15 W	6.400 K	473 Lm	B	single BL
27093.3	15 W	6.400 K	473 Lm	B	single CB
27098.8	24 W	6.400 K	1.275 Lm	B	single BL
27099.5	24 W	6.400 K	1.275 Lm	B	single CB

Energy-saving lamps
Spot

*8 years life**

For the electricity-saving replacement of halogen reflectors. No ballast necessary.

The decisive advantages of this lamp are the enormous savings on electricity and the low heat generation.

Spot Reflector GU10

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
11500.5	7 W	4.200 K	200 Lm	B	single BL
11502.9	9 W	4.200 K	300 Lm	B	single BL
11506.7	7 W	4.200 K	200 Lm	B	single CB
11508.1	9 W	4.200 K	300 Lm	B	single CB

Energy-saving lamps
Safety

*8 years life**

Predection against slivers thanks to silicon predection, hence no risk of injury. Especially suitable where particular importance must be placed on safety (e.g. food area, children's facilities).

In some cases available with an afterglow effect as an orientation light.

Safety Candle E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27081.0	9 W	2.700 K	380 Lm	B	single BL
27082.7	9 W	2.700 K	380 Lm	B	single CB

Safety Globe Glow E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27060.5	7 W	2.700 K	221 Lm	B	single BL
27057.5	7 W	2.700 K	221 Lm	B	single CB

Safety Globe Glow E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27062.9	15 W	2.700 K	473 Lm	B	single BL
27065.0	15 W	2.700 K	473 Lm	B	single CB

Safety Globe E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27064.3	7 W	2.700 K	221 Lm	B	single BL
27061.2	7 W	2.700 K	221 Lm	B	single CB

Safety Globe E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27077.3	11 W	2.700 K	347 Lm	B	single BL
27078.0	11 W	2.700 K	347 Lm	B	single CB
27066.7	15 W	2.700 K	473 Lm	B	single BL
27069.8	15 W	2.700 K	473 Lm	B	single CB

Safety Globe B22

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27089.6	15 W	2.700 K	473 Lm	B	single BL

* for an operating duration of 2,7 hours/day

Design Twister E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
27112.1	11 W	2.700 K	347 Lm	B	single BL

Design Cube 6U E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
21022.9	9 W	2.700 K	450 Lm	A	single BL
21024.3	11 W	2.700 K	500 Lm	B	single BL

Design Cube 8U E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
21026.7	15 W	2.700 K	700 Lm	B	single BL
21028.1	20 W	2.700 K	900 Lm	B	single BL

Design Fun 4U E14

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
21010.6	11 W	2.700 K	550 Lm	A	single BL
21012.0	11 W	2.700 K	550 Lm	A	single BL
21014.4	11 W	2.700 K	550 Lm	A	single BL

Design Fun 5U E27

Item no. EAN 4006745	Wattage	Kelvin	Lumen	Energy class	Packing unit
21016.8	14 W	2.700 K	650 Lm	B	single BL
21018.2	14 W	2.700 K	650 Lm	B	single BL
21020.5	14 W	2.700 K	650 Lm	B	single BL

Energy-saving lamps
Design

8 years life*

Beautifully-shaped energy-saving bulbs for visible range.
They stand out thanks to their unmistakeable design.

Color Tube, color E27

Item no. EAN 4006745	Color	Wattage	Lumen	Energy class	Packing unit
85612.0	red	11 W	561 Lm	A	single CB
85614.4	blue	11 W	561 Lm	A	single CB
85616.8	green	11 W	561 Lm	A	single CB
85618.2	yellow	11 W	561 Lm	A	single CB
85624.3	red	15 W	765 Lm	B	single BL
85626.7	blue	15 W	765 Lm	B	single BL
85628.1	green	15 W	765 Lm	B	single BL
85630.4	yellow	15 W	765 Lm	B	single BL

Color Globe, color E27

Item no. EAN 4006745	Color	Wattage	Lumen	Energy class	Packing unit
27072.8	red	7 W	221 Lm	B	single BL
27070.4	blue	7 W	221 Lm	B	single BL
27076.6	green	7 W	221 Lm	B	single BL
27074.2	yellow	7 W	221 Lm	B	single BL
27075.9	colored	7 W	221 Lm	B	Pack of 4 CB

Energy-saving lamps
Color

8 years life*

Place lovely color effects just where you want them.
Many possible uses in living rooms, bedrooms or outdoors.

* for an operating duration of 2,7 hours/day

LED

White

50.000 hours life*

Thanks to the use of the latest LED technology, it is possible to replace traditional halogen reflectors by LED reflectors.

High light efficiency for low energy loss with predective glass plate.

White Reflector E14

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Angle of radiation	Candela	Packing unit
10738.3	1,5 W	4.300 K	15	36°	110 cd	single BL
10741.3	1,5 W	4.300 K	15	36°	110 cd	double BL
10736.9	2 W	4.300 K	20	36°	170 cd	single BL
10629.4	3 W	4.300 K	30	36°	240 cd	single BL

White Reflector E27

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Angle of radiation	Candela	Packing unit
10630.0	1,5 W	4.300 K	15	36°	110 cd	single BL
10633.1	1,5 W	4.300 K	15	36°	110 cd	double BL
10642.3	2 W	4.300 K	20	36°	170 cd	single BL
10639.3	3 W	4.300 K	30	36°	240 cd	single BL

White Reflector MR16

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Angle of radiation	Candela	Packing unit
10610.2	1,5 W	4.300 K	15	36°	110 cd	single BL
10619.5	1,5 W	4.300 K	15	36°	110 cd	double BL
10608.9	2 W	4.300 K	20	36°	170 cd	single BL
10613.3	3 W	4.300 K	30	36°	240 cd	single BL

White Reflector GU10

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Angle of radiation	Candela	Packing unit
10620.1	1,5 W	4.300 K	15	36°	110 cd	single BL
10623.2	1,5 W	4.300 K	15	36°	110 cd	double BL
10618.8	2 W	4.300 K	20	36°	170 cd	single BL
10627.0	3 W	4.300 K	30	36°	240 cd	single BL

White Candle E14

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Packing unit
61086.9	1,5 W	4.300 K	15	single BL

White Pear E27

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Packing unit
61088.3*	1,5 W	4.300 K	15	single BL
61090.6	1,5 W	4.300 K	15	single BL

*with Sensor

White Reflector Par 20/30 E27

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Angle of radiation	Candela	Packing unit
10430.6	2 W	4.300 K	20	36°	170 cd	single BL
10432.0	3,6 W	4.300 K	36	36°	280 cd	single BL

White LED Ball E27

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Packing unit
61053.1	1,2 W	4.300 K	12	single BL

* for an operating duration of 2,7 hours/day

White Chip E27

Item no. EAN 4006745	Wattage	Kelvin	Chip	Angle of radiation	Packing unit
60228.4	1 W	5.500 K	1	30°	single BL
60234.5	3 W	5.500 K	1	30°	single BL

White Chip MR16

Item no. EAN 4006745	Wattage	Kelvin	Chip	Angle of radiation	Packing unit
60204.0	1 W	5.500 K	1	30°	single BL
60210.9	3 W	5.500 K	1	30°	single BL

White Chip GU10

Item no. EAN 4006745	Wattage	Kelvin	Chip	Angle of radiation	Packing unit
60216.1	1 W	5.500 K	1	30°	single BL
60222.2	3 W	5.500 K	1	30°	single BL

LED

White Chip

50.000 hours life*

High performance LED chips, latest LED technology with protective glass plate.

- RGB technology

* for an operating duration of 2,7 hours/day

LED Reflector

Color

50.000 hours life*

You can set light and color accents with the color reflectors and lamps.

High light efficiency for low energy loss, low heat generation.

* for an operating duration of 2,7 hours/day

Color Reflector blue E14

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Angle of radiation	Candela	Packing unit
10746.8	1,5 W	6.400 K	12	36°	40 cd	single BL

Color Reflector blue E27

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Angle of radiation	Candela	Packing unit
10632.4	1,5 W	6.400 K	15	36°	40 cd	single BL

Color Reflector blue MR16

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Angle of radiation	Candela	Packing unit
10612.6	1,5 W	6.400 K	12	36°	40 cd	single BL

Color Reflector GU10

Item no. EAN 4006745	Wattage	Kelvin	LEDs	Angle of radiation	Candela	Packing unit
10624.9[1]	1,5 W	6.400 K	12	36°	40 cd	single BL
10626.3[2]	1,5 W	6.400 K	12	36°	40 cd	single BL
10628.7[3]	1,5 W	6.400 K	12	36°	40 cd	single BL
10622.5[4]	1,5 W	6.400 K	12	36°	40 cd	single BL

[1]green, [2]yellow, [3]red, [4]blue

Color Ball with changing colors E14/E27

Item no. EAN 4006745	Wattage	Socket	LEDs	Candela	Packing unit
61055.5	0,8 W	E14	12	40 cd	single BL
61054.8	0,8 W	E27	12	40 cd	single BL

Color Tulip with changing colors E14/E27

Item no. EAN 4006745	Wattage	Socket	LEDs	Candela	Packing unit
61057.9	0,8 W	E14	12	40 cd	single BL
61056.2	0,8 W	E27	12	40 cd	single BL

Halogen

Mains voltage

Individually usable for effective lighting work. Halogen lamps have a significantly higher luminous flux than conventional filament lamps of the same power.

Usable without upstream electronic transformer, with UV filter and protective glass, dimmable without restriction.

Mains voltage
Halogen Capsule clear G9

Item no. EAN 4006745	Socket	Wattage	Kelvin	Energy class	Packing unit
14800.3	G9	25 W	2.700 K	G	double BL
14838.6	G9	25 W	2.700 K	G	triple BL
14802.7	G9	40 W	2.700 K	G	double BL
14836.2	G9	40 W	2.700 K	G	triple BL
14804.1	G9	60 W	2.700 K	G	double BL

Mains voltage
Halogen Capsule mat G9

Item no. EAN 4006745	Socket	Wattage	Kelvin	Energy class	Packing unit
14820.1	G9	25 W	2.700 K	G	double BL
14840.9	G9	25 W	2.700 K	G	triple BL
14822.5	G9	40 W	2.700 K	G	double BL
14834.8	G9	40 W	2.700 K	G	triple BL
14824.9	G9	60 W	2.700 K	G	double BL

Mains voltage
Reflector GU10

Item no. EAN 4006745	Socket	Wattage	Kelvin	Angle of radiation	Packing unit
10236.4	GU10	25 W	2.700 K	40°	single BL
10614.0	GU10	35 W	2.700 K	40°	single CB
10258.6	GU10	35 W	2.700 K	40°	single BL
10279.1	GU10	35 W	2.700 K	40°	double BL
10278.4	GU10	35 W	2.700 K	40°	triple BL
10616.4	GU10	50 W	2.700 K	40°	single CB
10256.2	GU10	50 W	2.700 K	40°	single BL
10257.9	GU10	50 W	2.700 K	40°	double BL
10276.0	GU10	50 W	2.700 K	40°	triple BL

Mains voltage
Reflector E14/E27

Item no. EAN 4006745	Socket	Wattage	Kelvin	Angle of radiation	Packing unit
10244.9	E14	40 W	2.700 K	36°	single BL
10246.3	E14	40 W	2.700 K	36°	double BL
10250.0	E27	60 W	2.700 K	30°	single BL
10252.4	E27	75 W	2.700 K	30°	single BL

Mains voltage
Halogen Tube J78

Item no. EAN 4006745	Socket	Wattage	Kelvin	Energy class	Packing unit
96759.8	J78	100 W	2.700 K	F	triple BL
96746.8	J78	150 W	2.700 K	F	single CB
97060.4	J78	150 W	2.700 K	F	double BL
97061.1	J78	150 W	2.700 K	F	triple BL

Mains voltage
Halogen Tube J118

Item no. EAN 4006745	Socket	Wattage	Kelvin	Energy class	Packing unit
97065.9	J118	150 W	2.700 K	E	double BL
97063.5	J118	150 W	2.700 K	E	triple BL
96752.9	J118	300 W	2.700 K	E	single CB
97062.8	J118	300 W	2.700 K	E	double BL
97064.2	J118	300 W	2.700 K	E	triple BL
96754.3	J118	500 W	2.700 K	E	single CB
97066.6	J118	500 W	2.700 K	E	double BL
97068.0	J118	500 W	2.700 K	E	triple BL

Mains voltage
Halogen Tube J189

Item no. EAN 4006745	Socket	Wattage	Kelvin	Energy class	Packing unit
96756.7	J189	1.000 W	2.700 K	E	single CB

Halogen
12v DC

Individually usable for effective lighting work. Halogen lamps have a significantly higher luminous flux than conventional filament lamps of the same power.

UV filter with protective glass, dimmable without restriction.

12v DC
Capsule G4

Item no. EAN 4006745	Socket	Wattage	Kelvin	Energy class	Packing unit
96770.3	G4	10 W	2.700 K	C	single CB
97050.5	G4	10 W	2.700 K	C	triple BL
96772.7	G4	20 W	2.700 K	C	single CB
97052.9	G4	20 W	2.700 K	C	triple BL

12v DC
Capsule G5.35/G6.35

Item no. EAN 4006745	Socket	Wattage	Kelvin	Energy class	Packing unit
97054.3	G5.35	35 W	2.700 K	C	triple BL
97056.7	G5.35	50 W	2.700 K	C	triple BL
96781.9	G6.35	35 W	2.700 K	C	single CB
96797.0	G6.35	50 W	2.700 K	C	single CB

12v DC
Reflector MR11

Item no. EAN 4006745	Socket	Wattage	Kelvin	Angle of radiation	Packing unit
96710.9	MR11	20 W	2.700 K	30°	single CB
96725.3	MR11	20 W	2.700 K	30°	triple BL
96711.6	MR11	35 W	2.700 K	30°	single CB
96721.5	MR11	35 W	2.700 K	30°	triple BL

12v DC
Reflector MR16

Item no. EAN 4006745	Socket	Wattage	Kelvin	Angle of radiation	Packing unit
96712.3	MR16	20 W	2.700 K	36°	single CB
97040.6	MR16	20 W	2.700 K	36°	triple BL
96714.7	MR16	35 W	2.700 K	36°	single CB
97042.0	MR16	35 W	2.700 K	36°	triple BL
96716.1	MR16	50 W	2.700 K	36°	single CB
97044.4	MR16	50 W	2.700 K	36°	triple BL

12v DC
Reflector XENON MR11

Item no. EAN 4006745	Socket	Wattage	Kelvin	Angle of radiation	Packing unit
92510.9	MR11	10 W	2.700 K	30°	single BL
92512.3	MR11	20 W	2.700 K	30°	single BL
92514.7	MR11	35 W	2.700 K	30°	single BL

12v DC
Reflector XENON MR16

Item no. EAN 4006745	Socket	Wattage	Kelvin	Angle of radiation	Packing unit
92520.8	MR16	20 W	2.700 K	36°	single BL
92522.2	MR16	35 W	2.700 K	36°	single BL
92524.6	MR16	50 W	2.700 K	36°	single BL

Xenon
12v DC

The high light efficiency enables a wider distribution of the light. The result is a brighter illumination of a larger area.

The life expectancy of a Xenon reflector is up to 5 times that of a conventional halogen reflector.

Standard bulbs

Classic

The classic when it comes to lighting. Many shapes for a variety of designs and illumination.

Easy to handle and dimmable without restriction.

Classic functional lights Refrigerator[1] / oven[2]

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
97085.7 [1]	E14	15 W	90 Lm	F	single BL
97093.2 [2]	E14	15 W	90 Lm	F	single BL

Classic Pear clear E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92547.5	E27	40 W	380 Lm	F	double CB
97172.4	E27	40 W	380 Lm	F	double BL
97179.3	E27	60 W	730 Lm	E	double CB
97178.6	E27	60 W	730 Lm	E	double BL

Classic Pear pearl E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
97240.0	E27	40 W	320 Lm	F	double CB
97170.0	E27	40 W	320 Lm	F	double BL
97241.7	E27	60 W	680 Lm	E	double CB
97174.8	E27	60 W	680 Lm	E	double BL

Classic Reflector R50 E14

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
96839.7	E14	40 W	385 Lm	F	single BL
96830.4	E14	40 W	385 Lm	F	single CB

Classic Reflector R63 E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
96843.4	E27	60 W	530 Lm	F	single BL

Classic Droplet clear E14

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92551.2	E14	25 W	160 Lm	G	double CB
10179.4	E14	25 W	160 Lm	G	double BL

Classic Droplet pearl E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92555.0	E27	40 W	380 Lm	F	double CB
10185.5	E27	40 W	380 Lm	F	double BL

Classic Candle clear E14

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92552.9	E14	25 W	140 Lm	G	double CB
97150.2	E14	25 W	140 Lm	G	double BL
92554.3	E14	40 W	320 Lm	F	double CB
97152.6	E14	40 W	320 Lm	F	double BL
97199.1	E14	60 W	680 Lm	E	double CB
97154.0	E14	60 W	680 Lm	E	double BL

Classic Candle pearl E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
97205.9	E27	25 W	160 Lm	G	double CB
97156.4	E27	25 W	160 Lm	G	double BL
92556.7	E27	40 W	320 Lm	F	double CB
97158.8	E27	40 W	320 Lm	F	double BL
97209.7	E27	60 W	680 Lm	E	double CB
97164.9	E27	60 W	680 Lm	E	double BL

Classic Candle klar E14

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
97246.2	E14	25 W	160 Lm	G	double CB
10164.0	E14	25 W	160 Lm	G	double BL
97247.9	E14	40 W	380 Lm	F	double CB
10165.7	E14	40 W	380 Lm	F	double BL

Classic Candle matt E14/E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
97244.8	E14	25 W	140 Lm	G	double CB
10141.1	E14	25 W	140 Lm	G	double BL
97245.5	E14	40 W	320 Lm	F	double CB
10138.1	E14	40 W	320 Lm	F	double BL
10143.5	E14	60 W	680 Lm	E	double BL
10145.9	E27	25 W	140 Lm	G	double BL
10147.3	E27	40 W	320 Lm	F	double BL
10149.7	E27	60 W	680 Lm	E	double BL

Standard bulbs

Deco

Beautifully-shaped for visible areas. Stands out thanks to its unmistakeable design. Many shapes for a variety of designs and illumination ensure a perfect appearance. Dimmable without restriction.

Deco
Wind gust clear E14

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
97217.2	E14	40 W	380 Lm	F	double CB

Deco
Wind gust pearl E14

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
97219.6	E 14	40 W	320 Lm	F	double CB

Deco
Twister E14

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92545.1	E14	25 W	140 Lm	G	double CB
96996.7	E14	25 W	140 Lm	G	double BL
92546.8	E14	40 W	320 Lm	F	double CB
96997.4	E14	40 W	320 Lm	F	double BL

Deco
Candle soft white E14

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92544.4	E14	60 W	300 Lm	G	double CB

Deco
Droplet soft white E14

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92561.1	E14	40 W	320 Lm	F	double CB

Deco
Pear soft white E27

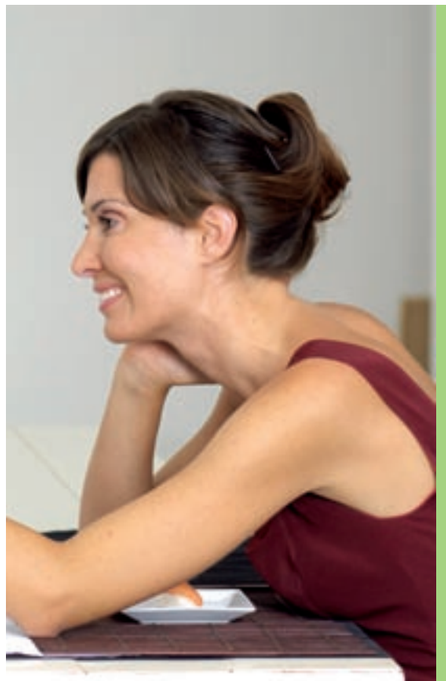
Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92550.5	E27	60 W	500 Lm	G	double CB

Deco
Globe 60 soft white E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92559.8	E27	40 W	300 Lm	G	double CB
92560.4	E27	60 W	450 Lm	G	double CB

Deco
Globe 95 soft white E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
92557.4	E27	60 W	450 Lm	G	double CB
92558.1	E27	100 W	800 Lm	G	double CB



Standard bulbs

Color

Sets colorful accents indoors and outdoors.

For a variety of design and illumination possibilities. Dimmable without restriction.

Color
Pear E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
40330.0	colored*	25 W	180 Lm	F	Pack of 4 CB

*red, green, blue, yellow

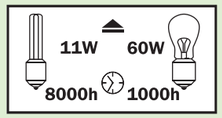
Color
Droplet colored E27

Item no. EAN 4006745	Socket	Wattage	Lumen	Energy class	Packing unit
97116.8	colored*	25 W	180 Lm	F	Pack of 4 CB

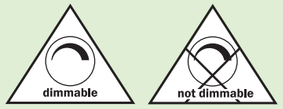
*red, green, blue, yellow

Explanation of pictograms

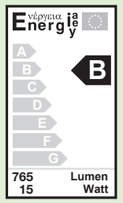
GENERAL PICTOGRAMS



Comparison of power consumption
Describes the difference in power consumption as compared to a conventional filament lamp with about the same output power.

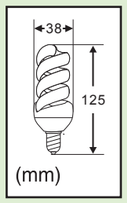


Light bulb is dimmable
The light bulb can be connected to a dimmer or a twilight switch without restriction.
Light bulb is not dimmable
The light bulb doesn't support this function.



Energy class
Specifies the energy efficiency. From A for very low to G for very high power consumption.

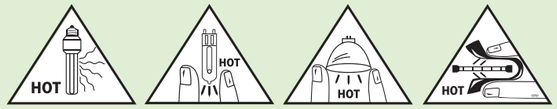
Instructions for use
Draws attention to instructions for use inside.



Size of the light bulb.

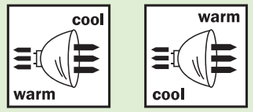
Angle of radiation

SAFETY PICTOGRAMS

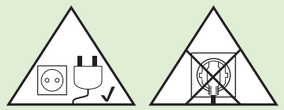


Risk of burns
Be sure to let the light bulb cool down before exchanging it.

Risk of fire
Minimum distance to objects.



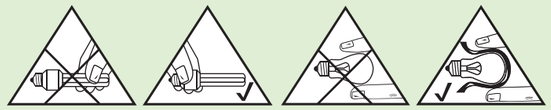
Heat dissipation
Marked in which direction the heat is dissipated.



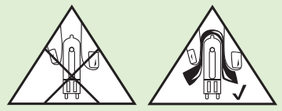
Safety when exchanging lamps
Pull the plug out of the socket before exchanging the lamp.

Lamp breakage
In the case of glass breakage, the light bulb may still be live and should only be removed by trained persons.

APPLICATION PICTOGRAMS



Lamp exchange
When exchanging, do not touch the glass bulb with your bare fingers.



Lamp exchange
Do not touch the halogen bulb with your bare fingers; this way you avoid leaving residues on the lamp that would reduce the lifetime of your lamp.

# of lighting

ILLUMINATION INTENSITY: The illumination intensity (E), specified in the unit Lux (lx), describes the luminous flux from a light source that strikes a certain area. It is 1 Lux when the luminous flux of 1 Lm evenly illuminates 1 sq. metre. The illumination intensity is measured on a horizontal and vertical surface using a Lux meter.

ENERGY EFFICIENCY CLASS: This label helps to save electricity. You will already have been familiar with this for some time where washing machines and refrigerators are concerned: an energy label identifies energy hogs at the first glance. There is also a label like this for light bulbs for room lighting. Exceptions to this are reflector lamps and all lamps under 4 W. The seven-stage classification ranges from: A (= high energy efficiency) to G (= low energy efficiency).

Color REPRODUCTION INDEX: The color reproduction characteristic of a lamp defines the color effect that your lamp produces on colored objects. It is evaluated using the Ra index. The color reproduction index is derived from eight commonly occurring test colors.
Ra = 100 stands for the best value; the lower the index, the poorer the color reproduction characteristics are.

LUMINANCE: Luminance (symbol: L) is the measure of the brightness impression which the eye perceives from a luminous or illuminated surface. The luminance is measured in candles per unit area (cd/m^2), in the case of lamps usually in cd/m^2.

LIGHT EFFICIENCY: Light efficiency is the measure of the efficiency of a lamp. It states how many Lumen (Lm) per Watt (W) are generated by a lamp. The higher the ratio Lumen/Watt, the more efficiently the lamp converts the applied energy.

Examples: Filament lamp: 12 Lm/W, halogen lamp: 20 Lm/W, energy-saving lamp: 60 Lm/W.

LIGHT Color: The light radiated from a lamp has its own color, the so-called light color or light temperature. The temperature of a color is measured in Kelvin (K). The higher the given value, the whiter the color of the light is. The international standard for sunlight is 5,500 K.

The colors are assigned to groups:

- Warm white (ww) < 3,300 K.
  The light color warm white has a slight yellow tint with a high red and yellow content; a cosy and comfortable light that is the right choice for living areas. Human skin appears soft and fresh under this light.
- Neutral white (nw) 3,300 K to 5,300 K.
  The light color neutral white creates a very realistic mood, but offers the advantage of allowing colors and details to appear very natural and clear whilst at the same time avoiding the creation of a cool atmosphere.
- Daylight white (dw) > 5,300 K.
  The light color daylight white has a slight blue tint with a high content of blue and green; creates a cool atmosphere; fine lines can be seen very clearly; the right choice for working areas. Human skin appears very pale under this light.

LIGHT INTENSITY: The light intensity (I) is that part of the luminous flux that radiates in a particular direction. The spatial distribution of the light intensity (light intensity distribution) characterises the light radiation from lamps and reflector lamps. The light intensity is measured in candles (Cd).

LUMINOUS FLUX: The luminous flux (special symbol Ph) denotes the light output of a lamp. It describes the power radiated in the visible range in all directions from the source of light and is measured in Lumen (Lm).

BALLAST: Ballasts are necessary in order to ignite and operate compact fluorescent tubes (and energy-saving lamps). After these lamps ignite, an avalanche-like ionisation of the trapped noble gases or metal vapours takes place, leading to a sharp increase of the current to the lamp. Therefore a ballast limits the lamp current.

Item no.	Page	Item no.	Page	Item no.	Page	Item no.	Page	Item no.	Page
10002.5	14	10342.2	16	27078.0	18	58072.8	6	92560.4	28
10004.9	14	10343.9	16	27081.0	18	58074.2	6	92561.1	28
10006.3	14	10344.6	16	27082.7	18	58076.6	6	96710.9	24
10027.8	14	10345.3	16	27084.1	15	58078.0	6	96711.6	24
10028.5	14	10346.0	16	27085.8	12	58080.3	6	96712.3	24
10032.2	14	10347.7	16	27089.6	18	58082.7	6	96714.7	24
10033.9	14	10350.7	14	27091.9	17	58084.1	6	96716.1	24
10034.6	14	10430.6	20	27092.6	17	58086.5	6	96721.5	24
10036.0	14	10432.0	20	27093.3	17	58088.9	7	96725.3	24
10038.4	14	10608.9	20	27094.0	17	58090.2	7	96746.8	23
10042.1	14	10610.2	20	27095.7	17	58092.6	7	96752.9	23
10044.5	14	10612.6	22	27097.1	17	58094.0	7	96754.3	23
10045.2	14	10613.3	20	27098.8	17	58096.4	7	96756.7	23
10048.3	15	10614.0	23	27099.5	17	58098.8	7	96759.8	23
10050.6	15	10616.4	23	27100.8	13	58100.8	7	96770.3	24
10052.0	15	10618.8	20	27101.5	13	58102.2	7	96772.7	24
10054.4	15	10619.5	20	27102.2	13	58104.6	7	96781.9	24
10055.1	14	10620.1	20	27103.9	13	58106.0	7	96797.0	24
10058.2	15	10622.5	22	27104.6	12	58108.4	7	96830.4	26
10095.7	14	10623.2	20	27105.3	12	58110.7	7	96839.7	26
10097.1	14	10624.9	22	27108.4	12	58112.1	7	96843.4	26
10098.8	14	10626.3	22	27112.1	19	58114.5	7	96884.7	15
10102.2	14	10627.0	20	27117.6	17	58116.9	7	96885.4	15
10104.6	14	10628.7	22	27118.3	17	58118.3	7	96886.1	15
10106.0	14	10629.4	20	27123.7	17	58120.6	7	96887.8	15
10108.4	14	10630.0	20	27124.4	17	58122.0	7	96894.6	15
10112.1	14	10632.4	22	27125.1	17	58124.4	7	96902.8	15
10114.5	14	10633.1	20	27126.8	17	58126.8	7	96940.0	15
10130.5	14	10639.3	20	27127.5	17	58128.2	7	96942.4	15
10132.9	14	10642.3	20	27128.2	17	58130.5	7	96944.8	15
10134.3	14	10736.9	20	27131.2	17	58132.9	7	96970.7	14
10138.1	27	10738.3	20	27132.9	17	58134.3	7	96971.4	14
10141.1	27	10741.3	20	27133.6	17	60204.0	21	96986.8	15
10143.5	27	10746.8	22	28100.7	8	60210.9	21	96988.2	15
10145.9	27	11500.5	18	28102.1	8	60216.1	21	96996.7	28
10147.3	27	11502.9	18	28104.5	8	60222.2	21	96997.4	28
10149.7	27	11506.7	18	28106.9	8	60228.4	21	97040.6	24
10164.0	27	11508.1	18	28130.4	8	60234.5	21	97042.0	24
10165.7	27	11610.1	8	28140.3	9	61053.1	20	97044.4	24
10174.9	15	11614.9	8	28142.7	9	61054.8	22	97050.5	24
10179.4	27	11616.3	8	28144.1	9	61055.5	22	97052.9	24
10185.5	27	14800.3	23	28146.5	9	61056.2	22	97054.3	24
10192.3	15	14802.7	23	28160.1	9	61057.9	22	97056.7	24
10193.0	15	14804.1	23	28162.5	9	61086.9	20	97060.4	23
10194.7	15	14820.1	23	28170.0	9	61088.3	20	97061.1	23
10197.8	15	14822.5	23	28180.9	9	61090.6	20	97062.8	23
10198.5	15	14824.9	23	28182.3	9	85612.0	19	97063.5	23
10236.4	23	14834.8	23	28802.0	10	85614.4	19	97064.2	23
10244.9	23	14836.2	23	28804.4	10	85616.8	19	97065.9	23
10246.3	23	14838.6	23	28806.8	10	85618.2	19	97066.6	23
10250.0	23	14840.9	23	28820.4	10	85624.3	19	97068.0	23
10252.4	23	20202.6	17	28830.3	10	85626.7	19	97085.7	26
10256.2	23	21010.6	19	28840.2	10	85628.1	19	97093.2	26
10257.9	23	21012.0	19	28842.6	10	85630.4	19	97116.8	29
10258.6	23	21014.4	19	28846.4	10	89875.5	15	97150.2	27
10261.6	15	21016.8	19	28860.0	10	89876.2	15	97152.6	27
10262.3	15	21018.2	19	28862.4	10	89877.9	15	97154.0	27
10269.2	15	21020.5	19	28880.8	11	92510.9	25	97156.4	27
10276.0	23	21022.9	19	28882.2	11	92512.3	25	97158.8	27
10278.4	23	21024.3	19	28884.6	10	92514.7	25	97164.9	27
10279.1	23	21026.7	19	40330.0	29	92520.8	25	97170.0	26
10292.0	14	21028.1	19	58042.1	6	92522.2	25	97172.4	26
10321.7	16	27057.5	18	58044.5	6	92524.6	25	97174.8	26
10322.4	16	27060.5	18	58046.9	6	92544.4	28	97178.6	26
10327.9	16	27061.2	18	58048.3	6	92545.1	28	97179.3	26
10328.6	16	27062.9	18	58050.6	6	92546.8	28	97199.1	27
10329.3	16	27064.3	18	58052.0	6	92547.5	26	97205.9	27
10330.9	16	27065.0	18	58054.4	6	92550.5	28	97209.7	27
10331.6	16	27066.7	18	58056.8	6	92551.2	27	97217.2	28
10332.3	16	27069.8	18	58058.2	6	92552.9	27	97219.6	28
10335.4	16	27070.4	19	58060.5	6	92554.3	27	97240.0	26
10336.1	16	27072.8	19	58062.9	6	92555.0	27	97241.7	26
10337.8	16	27074.2	19	58064.3	6	92556.7	27	97244.8	27
10338.5	16	27075.9	19	58066.7	6	92557.4	28	97245.5	27
10339.2	16	27076.6	19	58068.1	6	92558.1	28	97246.2	27
10340.8	16	27077.3	18	58070.4	6	92559.8	28	97247.9	27

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Lighting

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